

**Spotlight on University Publication Efficiency\*\* 2005-2014  
by High Research Income Input<sup>++</sup>**

Total 10 Years Rank	University	Indicator	Publication Year		
			5 Years 2005-2009	5 Years 2010-2014	Total 10 Years 2005-2014
<b>1</b>	University of Waterloo	<b>Publication Efficiency** (\$000)</b>	<b>\$66.1</b>	<b>\$61.3</b>	<b>\$63.3</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)	\$575,595	\$720,388	\$1,295,983
		Total Research Publications (#)	8,712	11,759	20,471
<b>2</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$71.9</b>	<b>\$74.1</b>	<b>\$73.2</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>3</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$83.5</b>	<b>\$75.3</b>	<b>\$78.9</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>4</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$81.1</b>	<b>\$88.4</b>	<b>\$85.3</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>5</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$88.4</b>	<b>\$86.4</b>	<b>\$87.3</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>6</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$102.9</b>	<b>\$88.6</b>	<b>\$94.8</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>7</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$103.0</b>	<b>\$89.3</b>	<b>\$95.3</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>8</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$101.6</b>	<b>\$91.2</b>	<b>\$95.7</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
<b>9</b>		<b>Publication Efficiency** (\$000)</b>	<b>\$103.5</b>	<b>\$101.7</b>	<b>\$102.5</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			

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10		<b>Publication Efficiency** (\$000)</b>	<b>\$114.1</b>	<b>\$95.9</b>	<b>\$103.3</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
11		<b>Publication Efficiency** (\$000)</b>	<b>\$93.1</b>	<b>\$116.3</b>	<b>\$106.0</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
12		<b>Publication Efficiency** (\$000)</b>	<b>\$108.6</b>	<b>\$110.2</b>	<b>\$109.5</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
13		<b>Publication Efficiency** (\$000)</b>	<b>\$124.0</b>	<b>\$107.0</b>	<b>\$114.8</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
14		<b>Publication Efficiency** (\$000)</b>	<b>\$121.2</b>	<b>\$115.2</b>	<b>\$117.8</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
15		<b>Publication Efficiency** (\$000)</b>	<b>\$130.5</b>	<b>\$124.8</b>	<b>\$127.3</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
16		<b>Publication Efficiency** (\$000)</b>	<b>\$120.9</b>	<b>\$136.7</b>	<b>\$130.0</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
17		<b>Publication Efficiency** (\$000)</b>	<b>\$150.4</b>	<b>\$135.6</b>	<b>\$142.2</b>
		Total Sponsored Research Income <sup>+</sup> (\$000)			
		Total Research Publications (#)			
		<b>Publication Efficiency** (\$000)</b>	<b>\$101.1</b>	<b>\$96.5</b>	<b>\$98.5</b>
High Research Income Input (17)		Total Sponsored Research Income <sup>+</sup> (\$000)	\$21,853,190	\$27,111,692	\$48,964,882
		Total Research Publications (#)	216,233	280,919	497,152

Notes

1. Based on full-service universities that have been on Canada's Top 50 Research Universities list for all 10 years FY2003-FY2012; and had 50 or more publications in each of the 10 years 2005-2014.
2. Publications include articles, notes and reviews published by researchers affiliated with Canadian universities or research hospitals in peer-reviewed scientific international journals, covering different fields of natural science, health science and social science and humanities. The number of journals varied from 8,887 in 2005 to 12,124 in 2014. When a publication has multiple authors, the publication is counted once for each respective institution.
3. Publication data were obtained from Observatoire des sciences et des technologies' (OST) Canadian bibliometric database which contains data from the SCI-Expanded, SSCI and AHCI databases of Clarivate Analytics.
4. Sponsored research income includes all funds to support research received in the form of a grant, contribution or contract from all sources external to the institution.
5. Financial data were obtained from Statistics Canada.

\*Has a medical school

\*\*Research income per publication (cost per publication) - calculations were offset by approximately 2.5 years. For example research income for FY2003 was used in conjunction with publication year 2005, etc. to account for the delay in conducting and publishing research

+Research income FY2003-FY2007 was used in conjunction with publication years 2005-2009; and research income FY2008-FY2012 was used in conjunction with publication years 2010-2014

++Universities with more than \$1 billion of research income for 10 years FY2003-FY2012